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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				<i>Complete if Known</i>	
				Application Number	10/693,429
				Filing Date	2003-10-23
				First Named Inventor	WALTON; J. Rodney
				Art Unit	2467
				Examiner Name	SMITH, Marcus
Sheet	1	of	3	Attorney Docket No: 030417	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	001	US6631121	10-07-2003	YOON; Sung-Hoon	
	002	US6768727	07-27-2004	SOUROUR; Essam et al.	
	003	US6891858	05-10-2005	MAHESH; Harihara et al.	
	004	US20050135284	06-23-2005	NANDA; Sanjiv et al.	
	005	US20050135295	06-23-2005	WALTON; Jay Rodney et al.	
	006	US20050135318	06-23-2005	WALTON; Jay Rodney et al.	
	007	US20060104340	05-18-2006	WALTON; Jay Rodney et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T 6
		Country Code ³ - Number ⁴ -Kind Code ⁵ (if known)				
	008	CN1347609A	05-01-2002	ERICSSON TELEFON AB L M [SE]		<input checked="" type="checkbox"/>
	009	EP0869647A2	10-07-1998	LUCENT TECHNOLOGIES INC [US]		<input type="checkbox"/>
	010	RU2139633	10-10-1999	SAMSUNG ELECTRONICS CO., LTD.		<input checked="" type="checkbox"/>
	011	RU2197781C2	01-27-2003	OLIVETTI TELEMEDIA SPA [IT]		<input checked="" type="checkbox"/>
	012	WO03010994A1	02-06-2003	NEXO [FR], et al.		<input checked="" type="checkbox"/>
	013	WO9307684A1	04-15-1993	SIXTEL SPA [IT]		<input type="checkbox"/>

EXAMINER SIGNATURE

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Sheet	2	of	3	Attorney Docket No: 030417	

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T2	
	014	Partial European Search Report - EP10012069 - Search Authority - The Hague - 2011-11-29 (030121EPD1).	<input type="checkbox"/>	
	015	Supplementary European Search Report - EP06759443 - Search Authority - Hague - 2011-11-24 (050283EP).	<input type="checkbox"/>	
	016	VOOK, F. W. et al., "Adaptive antennas for OFDM", Vehicular Technology Conference, vol. 1, 18-21 May 1998, pages 606-610, XP010287858, NEW YORK, NY, USA, IEEE, US DOI: 10.1109/VETEC.1998.686646 ISBN: 978-0-7803-4320-7.	<input type="checkbox"/>	

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Sheet	3	of	3	Attorney Docket No: 030417	

CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

- ☐ That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

- ☐ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

- ☐ See attached certification statement.

- ☐ Fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

- ☒ None

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Kenyon S. Jenckes/	Date (YYYY-MM-DD)	2012-01-26
Name/Print	Kenyon S. Jenckes	Registration Number	41873

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**